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Subject: How do you tell when a horn "unloads"?

Posted by [Larry Acklin](#) on Fri, 22 Aug 2003 15:08:26 GMT

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OK, I have these big EV 2ft by 4 ft (at the mouth) mid horns that go down to 100-150 hz or so. The ev D12x woofer/mid in a 1 cubic ft box that drives these monsters has response to 55 hz. Can I feed pink noise into one of them (outdoors) and use an RTA to see where the response drops off? Or should I use a sine wave and SPL meter? Or should I measure the dimensions and try hornresp? The object is to have the lowest crossover point for active triamping. The subs (folded horns) have Delta 15s (2 in each, 16 ohm in parallel), and supposedly could go to 1000 hz or so, but sound real tubby much above 250 Hz. EV hp940 horns /w ev DH1A drivers on the tops. (PA use, but boy does it sound good with CDs!) Thanks Larry Acklin